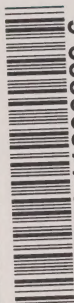


ENERGY AND THE ENVIRONMENT

CA20N
RS
-2037

GOOD
NEWS

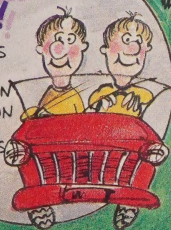
EVERY TONNE OF RECYCLED
NEWSPRINT - ABOUT 2,400
DAILY PAPERS - IS
EQUIVALENT TO 19 TREES



3 1761 11890889 6

DOUBLE
UP!


CAR POOLS
CUT GAS
CONSUMPTION
AND CARBON
DIOXIDE
EMISSIONS



BE
COOL

FLUORESCENT
LIGHT IS 4 TO 5
TIMES AS
EFFICIENT AS
INCANDESCENT
LIGHT.





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Energy

AND THE ENVIRONMENT

Energy and the environment are closely linked.

We hear so much these days about acid rain, smog, global warming, and the greenhouse effect that it can be overwhelming. But the fact is there are many things we can do as individuals which will make a significant difference. And remember, there are 9 million of us in Ontario who can make that difference.

You don't have to drive a car or own a home or be the president of a big company to help out: young children can have an influence by learning to turn out the lights when they leave a room.

Using energy wisely is the key. It reduces the impact on our environment, extends the life of our diminishing resources and saves everybody money. It definitely pays to be energy-efficient.

The Ontario Ministry of Energy hopes the tips in this booklet will inspire you to use energy more carefully in your day-to-day life.

Remember...Energy Matters.

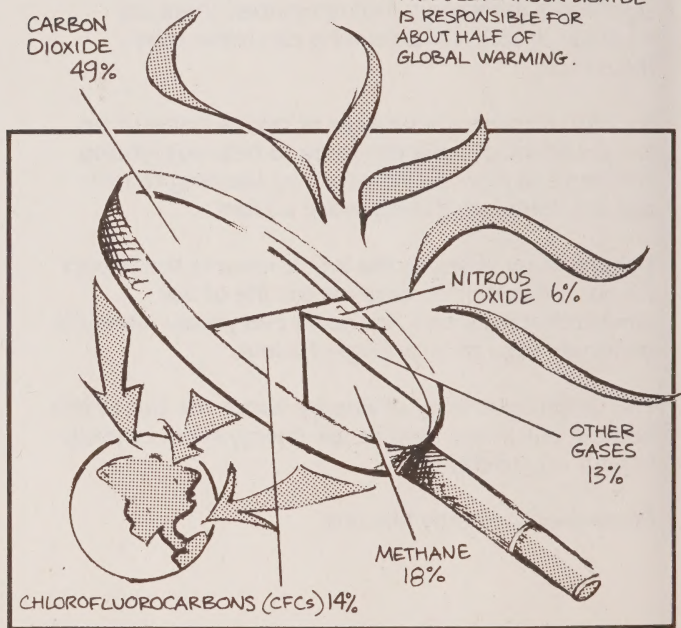


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CARBON DIOXIDE AS NORMAL AS BREATHING OUT

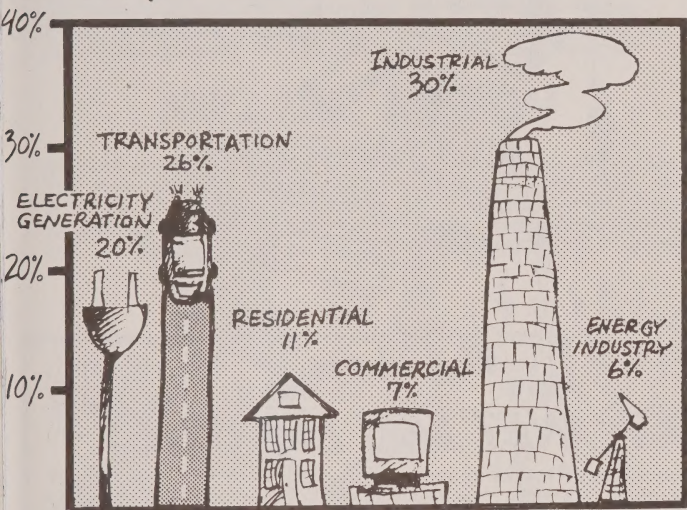
OUR ATMOSPHERE TRAPS HEAT; SOME OF THE GASES IN OUR AIR PREVENT THE HEAT THAT ARRIVES FROM THE SUN FROM RETURNING TO SPACE. BUT EXCESS AMOUNTS OF THESE HEAT-TRAPPING GASES COULD AFFECT OUR CLIMATE BY GLOBAL WARMING. WE ADD TO GREENHOUSE GASES, ESPECIALLY CARBON DIOXIDE, IN OUR NORMAL, EVERYDAY LIFE BY BURNING FOSSIL FUELS—GASOLINE, FUEL OIL, NATURAL GAS, COAL AND PROPANE.

THE MORE FUEL WE USE, THE MORE CARBON DIOXIDE WE PRODUCE. CARBON DIOXIDE IS RESPONSIBLE FOR ABOUT HALF OF GLOBAL WARMING.



GREENHOUSE GASES DERIVED FROM **HUMAN ACTIVITY**. WE ALL CAN DO A GREAT DEAL TO HELP REDUCE THE CARBON DIOXIDE EMISSION THAT WE CAUSE.

WHERE ONTARIO'S CARBON DIOXIDE (CO₂) IS PRODUCED



WE CAN REDUCE EMISSIONS BY CONSERVING ENERGY OR USING ENERGY MORE EFFICIENTLY IN ALL OF THESE AREAS. WE CAN DRIVE OUR CARS LESS, USE LESS ENERGY TO HEAT AND COOL OUR HOMES, SHIFT OUR ELECTRICITY USE TO OFF-PEAK HOURS, OR ACT ON THE ADVICE ENERGY AUDITS CAN PROVIDE ABOUT OUR BUSINESSES.

COMMON SOURCES OF OTHER GREENHOUSE GASES

NITROUS OXIDE	- CAR EXHAUST-FERTILIZERS - BURNING FOSSIL FUELS
CFCs	REFRIGERANTS IN AIR CONDITIONERS, REFRIGERATORS, FREEZERS-PLASTIC FOAMS
METHANE	- GARBAGE-LEAKING GAS PIPES - TERMITES-AGRICULTURE.



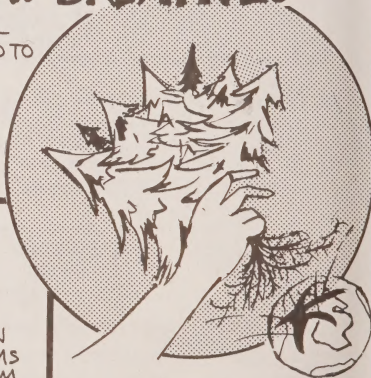
EVERY TONNE OF RECYCLED
NEWSPRINT - ABOUT 2,000 DAILY
PAPERS - IS EQUIVALENT TO 15
TREES.

A PLANET THAT BREATHES

THE DESTRUCTION OF TROPICAL
FORESTS HAS BEEN COMPARED TO
RIPPING THE EARTH'S LUNGS
OUT. PLANT TREES WHEREVER
YOU CAN... AT YOUR SCHOOL,
YOUR COMMUNITY CENTRE,
YOUR HOME.

BRANCH OUT!

EVERY TREE ABSORBS AN
AVERAGE OF 4 KILOGRAMS
OF CARBON DIOXIDE FROM
THE AIR EVERY YEAR.



FOSSIL FUELS

COAL, PETROLEUM AND NATURAL GAS ARE CALLED FOSSIL FUELS. THESE FUELS COME FROM PLANTS AND ANIMALS THAT DIED MILLIONS OF YEARS AGO.

IN THE GROUND, THE CARBON IN THESE DECAYED PLANTS AND ANIMALS REMAINS INERT. HOWEVER, WHEN WE BURN FOSSIL FUELS TO PRODUCE USEFUL HEAT, WE PRODUCE CARBON DIOXIDE AND THUS INCREASE ITS PRESENCE IN TODAY'S ATMOSPHERE.

NUCLEAR ENERGY

NUCLEAR ENERGY DOES NOT DEPEND ON FOSSIL FUELS. URANIUM, THE FUEL USED IN THE CANADIAN CANDU NUCLEAR REACTOR, IS A METAL. ATOMS OF URANIUM ARE SPLIT, PRODUCING HEAT THAT IS USED TO MAKE ELECTRICITY. URANIUM IS NON-RENEWABLE, BUT CONTAINS NO CARBON AND GIVES OFF NO CARBON DIOXIDE.

SHADY BUSINESS

WE CAN SHADE AND SHELTER OUR HOUSES BY PLANTING TREES NEAR THEM. TREES SAVE ENERGY BY COOLING US IN THE SUMMER AND SHELTERING US FROM THE WIND IN THE WINTER.



RENEWABLE SOURCE OF ENERGY

FOSSIL FUELS ARE NON-RENEWABLE: USE THEM ONCE AND THEY ARE GONE FOREVER. THERE ARE ALTERNATIVE SOURCES OF ENERGY THAT ARE RENEWABLE. WITH THE EXCEPTION OF BIOMASS, THESE ALTERNATIVE SOURCES OF ENERGY ARE NOT MAJOR PRODUCERS OF CARBON DIOXIDE:

THE SUN = SOLAR ENERGY

THE WIND = WIND POWER

WASTE = BIOMASS

THE EARTH = GEOTHERM

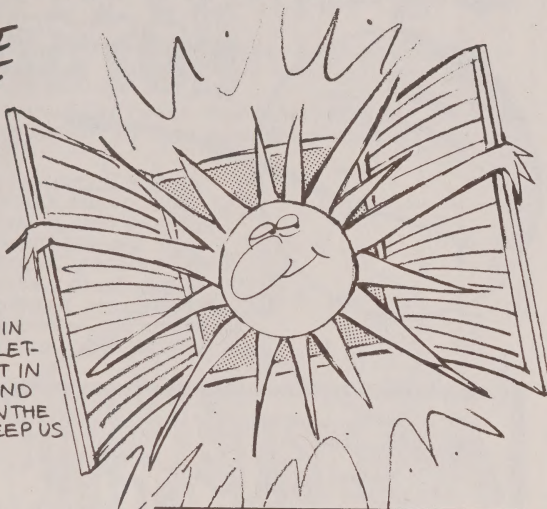
WATER = HYDRO

TO DATE, HYDRO-AS HYDROELECTRICITY- IS THE ONLY FORM OF RENEWABLE ENERGY THAT WE HAVE BEEN ABLE TO TAP EFFECTIVELY ON A MAJOR SCALE.

A LITTLE SUNSHINE CAN HELP CONSERVE THE FOSSIL FUELS WE DEPEND ON. THERE ARE THINGS WE CAN DO...

**LET THE
SUN
SHINE
IN!**

WE CAN OPEN
THE CURTAINS IN
THE WINTER, LET-
TING SUNLIGHT IN
TO WARM US AND
CLOSE THEM IN THE
SUMMER TO KEEP US
COOLER.

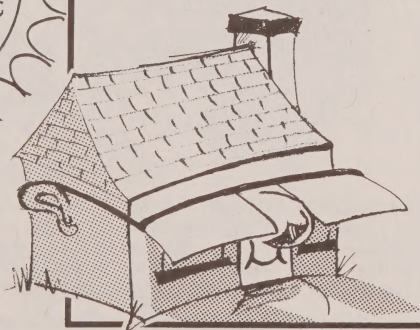


SUN'S UP

WE CAN USE
ACTIVE SOLAR
HEAT TECHNOLOGY
TO HEAT OUR SWIM-
MING POOLS.

CANOPIES

CANOPIES ON SOUTH-FACING
WINDOWS ALLOW THE LOW WINTER
SUN TO PENETRATE A ROOM, BUT
KEEP THE ROOM IN THE SHADE
DURING THE SUMMER.



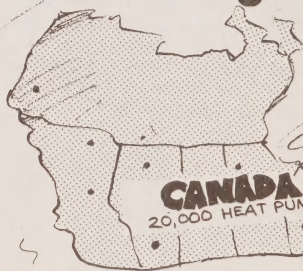
THE EARTH IS A MOLTEN BALL OF HOT ROCK AND LIQUID METAL. WE LIVE ON A THIN CRUST OF LAND ON THE SURFACE, THERE'S HEAT UNDER OUR FEET...

HOT STUFF



THE EARTH ITSELF CONTAINS HEAT ENERGY. VOLCANOES SHOW THAT THE CORE OF THE EARTH IS EXTREMELY HOT. AND PEOPLE HAVE KNOWN ABOUT HOT SPRINGS FOR YEARS-THEY'RE THE ORIGINAL HEATED SWIMMING POOLS. SOME WESTERN CANADIAN HOT SPRINGS PROVIDE COMMUNITY HEAT FOR MANY THINGS INCLUDING HOT WATER, AGRICULTURAL AND SPACE HEATING.

ARCTIC Warmth



CANADA
20,000 HEAT PUMPS



SWEDEN

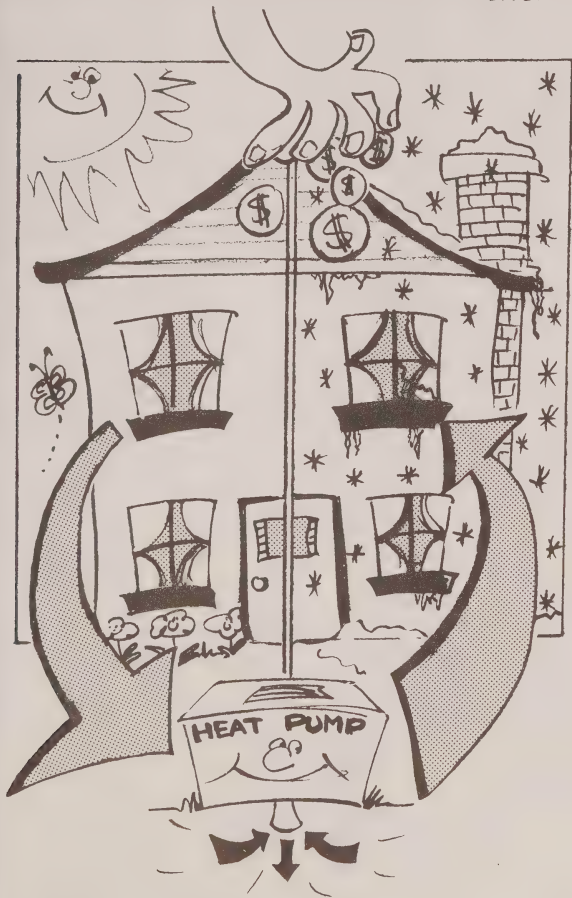
140,000 HEAT PUMPS

• HEAT PUMPS

IN SWEDEN, A COUNTRY WITH A CANADIAN-TYPE CLIMATE, HEAT IS PUMPED OUT OF THE GROUND EVEN NORTH OF THE ARCTIC CIRCLE. SWEDES SAVE A GREAT DEAL OF MONEY AND ENERGY WITH THEIR 140,000 HEAT PUMPS. MORE THAN 20,000 CANADIAN BUILDINGS DEPEND ON HEAT PUMPS.

HEAT PUMPS SAVE \$ \$

GROUND-SOURCE AND AIR-SOURCE HEAT PUMPS EXTRACT HEAT FROM ONE AREA AND TRANSFER IT TO ANOTHER. THEY CAN REPLACE OR ASSIST YOUR FURNACE, HOT WATER HEATER AND AIR CONDITIONER. HEAT PUMPS CAN SAVE 30%-65% ON YOUR HEATING BILLS AND UP TO 50% ON YOUR HOT WATER BILLS.



WASTE IS USUALLY SEEN AS AN ENVIRONMENTAL PROBLEM OR AN UGLY MESS. BUT SOMETIMES, IT'S AN ENERGY PLUS...

▶ IT'S A GUSHER

THE KIDS CALL A KITCHENER LANDFILL DUMP "MOUNT GUSHMORE". YET IT GENERATES ENOUGH METHANE GAS TO CUT BY HALF ENERGY BILLS FOR A LOCAL MANUFACTURER

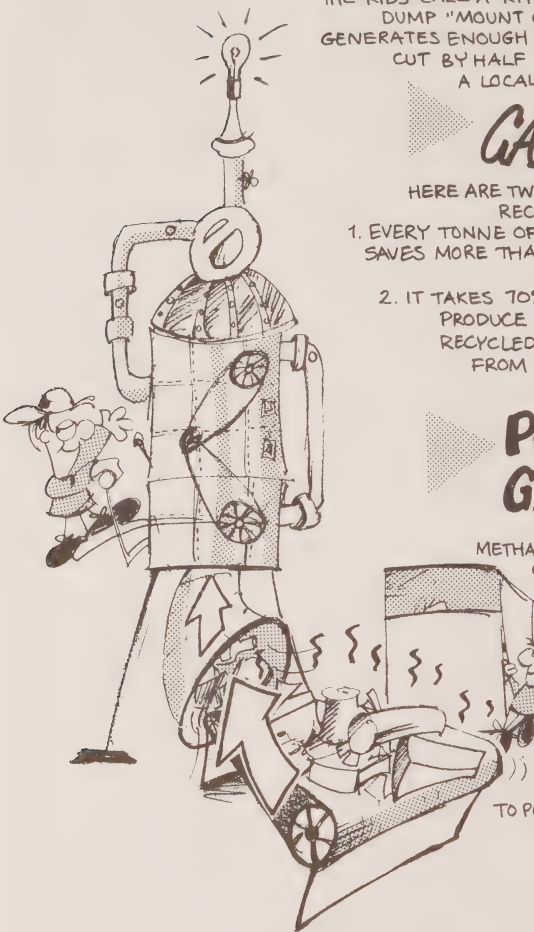
▶ CAN-CAN

HERE ARE TWO GOOD REASONS TO RECYCLE YOUR CANS.

1. EVERY TONNE OF STEEL RECYCLED SAVES MORE THAN A TONNE AND A HALF OF IRON ORE.
2. IT TAKES 70% LESS ENERGY TO PRODUCE ALUMINUM FROM RECYCLED PRODUCTS THAN FROM RAW MATERIALS.

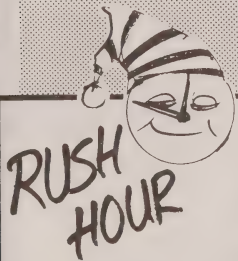
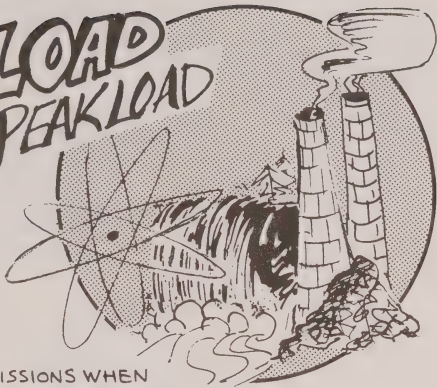
▶ POWERFUL GARBAGE

METHANE, A GREENHOUSE GAS, IS GIVEN OFF BY ROTTING GARBAGE. BY RECOVERING AND BURNING THE METHANE PRODUCED BY A MEDIUM-SIZED LANDFILL SITE, WE CAN PRODUCE ENOUGH ELECTRICITY TO POWER 3,000 HOMES.



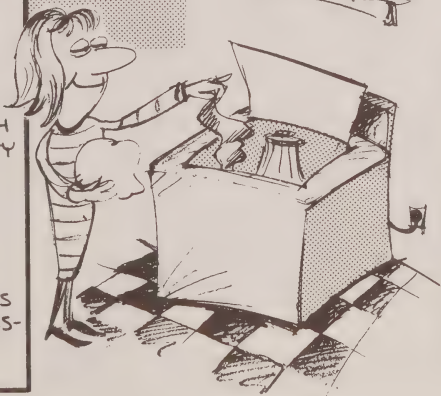
BASE LOAD PEAK LOAD

ABOUT 75% OF ONTARIO'S ELECTRICITY IS PRODUCED FROM NUCLEAR STATIONS AND FROM HYDRAULIC (WATER) STATIONS THAT PRODUCE ALMOST NO EMISSIONS WHEN OPERATING. WE ALWAYS HAVE COAL-FIRED GENERATING STATIONS IN OPERATION, BUT AT TIMES OF PEAK DEMAND, WE RELY EVEN MORE HEAVILY ON FOSSIL FUEL-POWERED STATIONS TO MAKE THE EXTRA ELECTRICITY WE NEED. THAT'S WHEN ELECTRICITY PRODUCTION LEADS TO HIGH LEVELS OF CARBON DIOXIDE EMISSIONS.

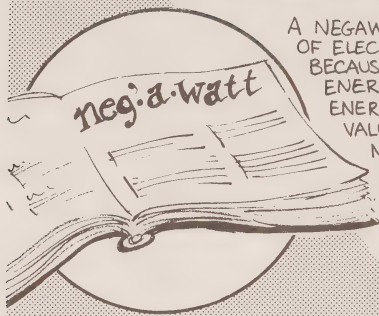


RUSH HOUR

IN WINTER, THE RUSH HOUR FOR ELECTRICITY IN ONTARIO USUALLY RUNS FROM 4-7 P.M. THAT'S WHEN EVERYBODY WANTS TO USE ELECTRICITY. TRY SWITCHING NON-ESSENTIAL CHORES TO OFF-PEAK TIMES BETWEEN 8 P.M. AND 7 A.M.



NEGA, NOT MEGA



A NEGAWATT HOUR IS A KILOWATT HOUR OF ELECTRICITY THAT IS NOT PRODUCED BECAUSE PEOPLE IMPROVED THEIR ENERGY EFFICIENCY OR CONSERVED ENERGY. EACH NEGAWATT HOUR IS VALUABLE BECAUSE IT PRODUCES NO GREENHOUSE GASES AND NO OTHER POLLUTANTS. AND IT'S FREE!

RECHARGING

A RECHARGEABLE BATTERY MAY NOT SAVE ENERGY DIRECTLY, BUT BECAUSE IT CAN BE REUSED TIME AND AGAIN, THERE IS A BIG SAVING IN MATERIALS AND ENERGY COMPARED TO THE MANUFACTURE OF "NORMAL" BATTERIES.



EVERY LITTLE BIT HELPS!



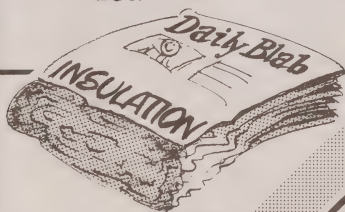
12 HRS



WITH LITTER
EVERY LITTER BIT HURTS,
WITH WATER, A DROP A SECOND
FROM A LEAKY FAUCET CAN FILL
16 BATHTUBS IN A MONTH. WITH
ELECTRICITY, TURNING OFF A
25-WATT LIGHT BULB 12 HOURS
A DAY IN EVERY ONTARIO
HOUSEHOLD CAN SAVE
1 MILLION KILOWATTS
OF ELECTRICITY. THAT'S
THE SAME AS BURNING
500 TONNES OF WESTERN
CANADIAN COAL
EVERYDAY!

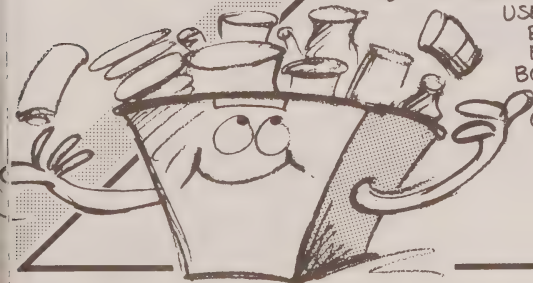
RECYCLED INSULATION

YOU CAN USE CELLULOSE INSULATION
MADE FROM RECYCLED NEWSPAPER
IN SOME AREAS. IT SAVES ENERGY BY
REDUCING HEAT LOSS AND
CONTRIBUTES TO ENVIRONMENTALLY
SOUND RECYCLING OF WOOD FIBRE
FROM TREES.

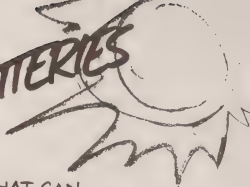


ELECTRIC BLUE

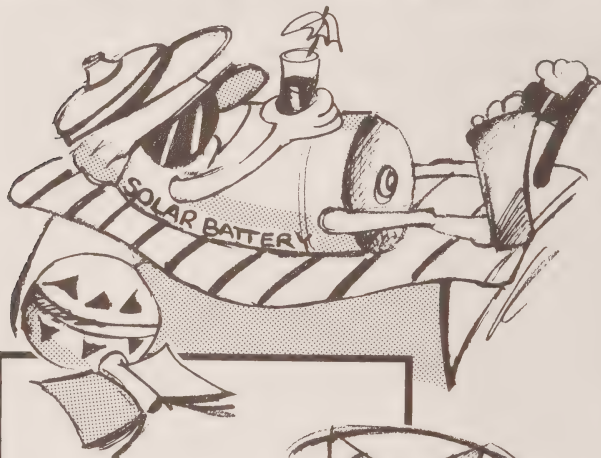
YOU
CAN SAVE
MORE THAN
400 KILOWATT
HOURS OF ELEC-
TRICITY IN A YEAR BY
RECYCLING THE NEWS-
PAPERS, GLASS, STEEL,
ALUMINUM AND PLASTIC
SOFT DRINK BOTTLES USED
BY AN AVERAGE HOUSEHOLD.
USE YOUR BLUE
BOX OR PUSH
FOR A BLUE
BOX PROGRAM
IN YOUR
COMMUNITY.



SOLAR BATTERIES

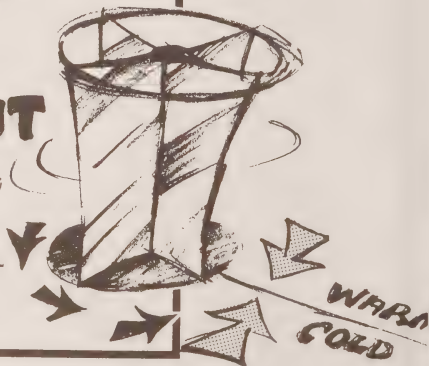


THERE'S A SOLAR FLASHLIGHT AVAILABLE THAT CAN BE CHARGED UP IN THE SUNLIGHT TO PROVIDE FIVE HOURS OF LIGHT FROM A SIX-WATT FLUORESCENT BULB. YOU CAN KEEP RECHARGING THE FLASHLIGHT'S SOLAR BATTERIES FOR UP TO SIX YEARS AND IT IS MUCH LESS EXPENSIVE TO OPERATE THAN ONE THAT USES REGULAR BATTERIES.

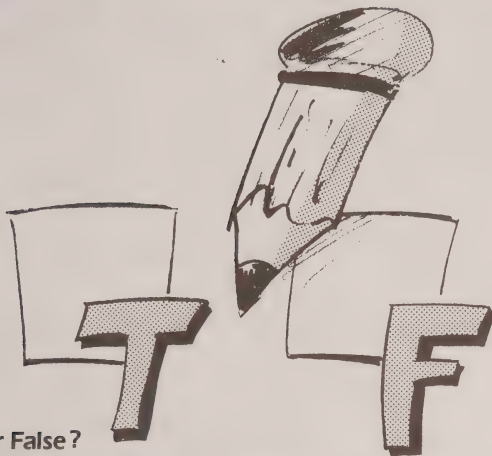


IN and OUT

USE THE REVOLVING, NOT SWINGING, DOORS TO HELP KEEP BUILDINGS WARMER IN WINTER AND COOLER IN SUMMER.



If you go away...on a summer day...on a winter day



True or False?

☐☐

It takes less energy to leave fluorescent lights on all the time than it does to turn them off and start them up again.

☐☐

There's a surge of power used when we turn on an ordinary, incandescent light bulb.

☐☐

Things we're encouraged to leave on all the time – pilot lights, "instant-on" features on TVs – hardly use any energy.

☐☐

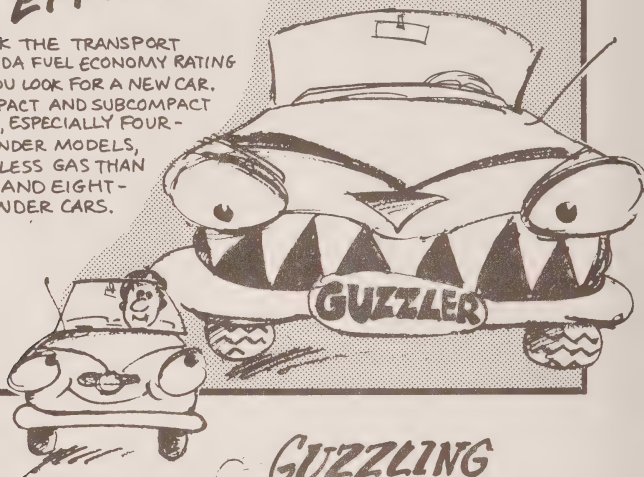
You will damage your house by keeping unused rooms cooler than the rooms you're using.

If you answered FALSE to all of the above, you're on your way to using energy wisely.

TRANSPORTATION IS A BIG ENERGY USER. BEFORE HOPPING INTO THE CAR, CONSIDER WALKING OR CYCLING. INSTEAD OF TAKING A PLANE BETWEEN CITIES, RIDE THE RAILS OR TAKE A BUS.

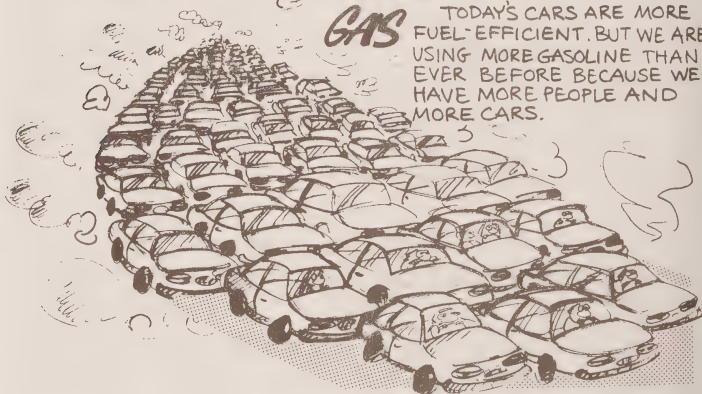
PURCHASE EFFICIENCY

CHECK THE TRANSPORT CANADA FUEL ECONOMY RATING AS YOU LOOK FOR A NEW CAR. COMPACT AND SUBCOMPACT CARS, ESPECIALLY FOUR-CYLINDER MODELS, USE LESS GAS THAN SIX AND EIGHT-CYLINDER CARS.



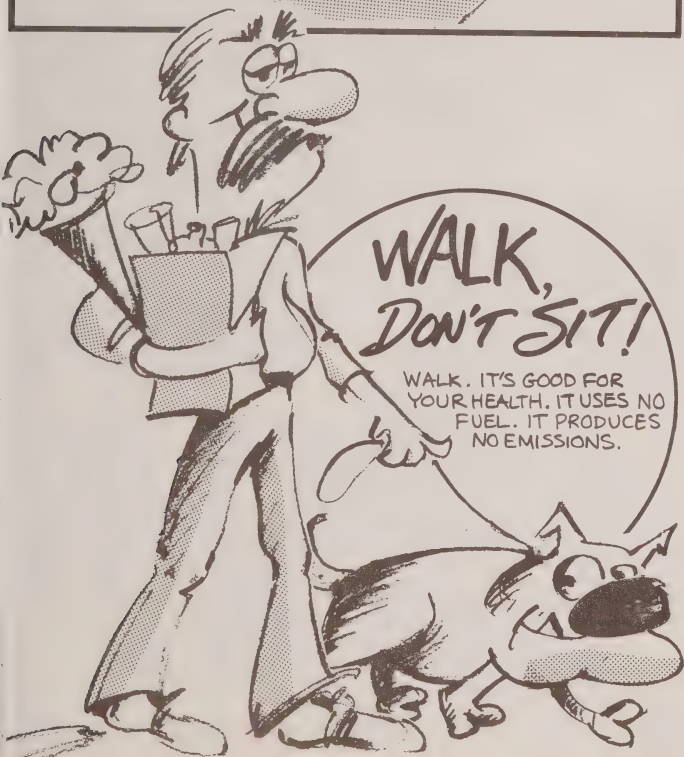
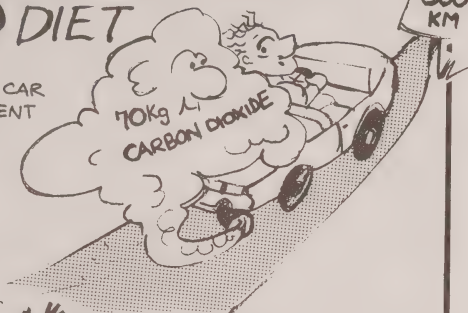
GUZZLING GAS

TODAY'S CARS ARE MORE FUEL-EFFICIENT. BUT WE ARE USING MORE GASOLINE THAN EVER BEFORE BECAUSE WE HAVE MORE PEOPLE AND MORE CARS.



TIME TO DIET

ON AVERAGE, YOUR CAR
EMITS THE EQUIVALENT
OF YOUR OWN BODY
WEIGHT IN CARBON
DIOXIDE EVERY
300 KILOMETRES
YOU DRIVE.



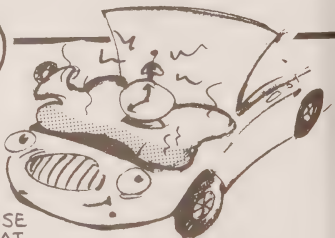
DOUBLE UP



NO MATTER
HOW ENERGY
EFFICIENT YOUR
CAR IS, WHEN
IT'S USED FOR
ONLY ONE PERSON,
YOU ARE WASTING
ENERGY. CAR POOLS
CUT GAS CONSUMPTION
AND CARBON DIOXIDE EMISSIONS.

BLOCK TALK

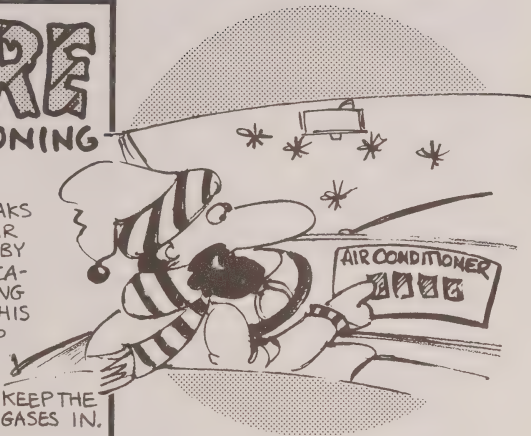
PUT A TIMER ON YOUR CAR
BLOCK HEATER AND WARM
UP YOUR CAR'S BLOCK FOR
ONLY AN HOUR BEFORE YOU USE
IT. OR BUY A POWERCORD THAT
ACTS AS A THERMOSTAT FOR THE
BLOCK HEATER, TURNING IT ON AND OFF.



CARE

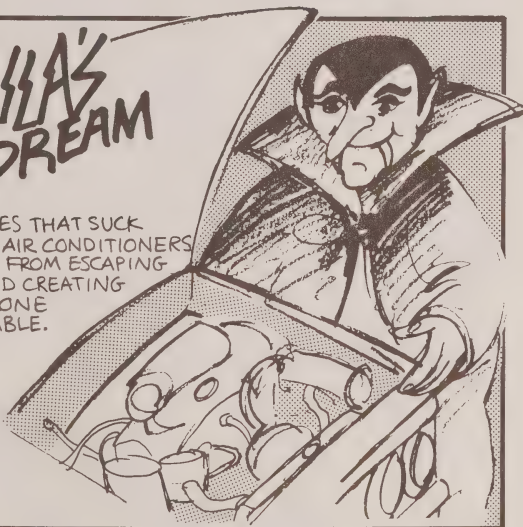
CONDITIONING

REDUCE THE LEAKS
IN YOUR CAR AIR
CONDITIONING BY
RUNNING IT OCCA-
SIONALLY DURING
THE WINTER. THIS
WILL HELP KEEP
THE SEALS
FROM DRYING
OUT AND HELP KEEP THE
REFRIGERANT GASES IN.



DRACULA'S DREAM

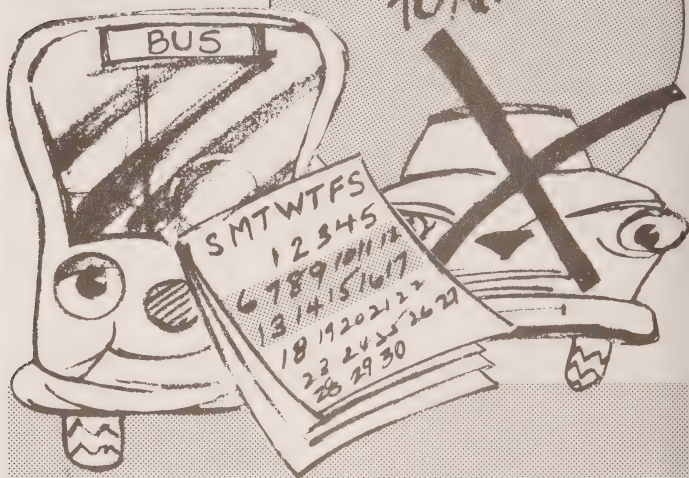
VAMPIRE "MACHINES THAT SUCK
CFCs OUT OF CAR AIR CONDITIONERS
AND KEEP THEM FROM ESCAPING
INTO THE AIR AND CREATING
HOLES IN THE OZONE
LAYER ARE AVAILABLE.
USE A SERVICE
CENTRE THAT
HAS THE
EQUIPMENT.



PUBLIC TRANSIT:

YOU USE MORE FUEL IN ONE DAY DRIVING YOUR CAR TO WORK THAN YOU WOULD USE TAKING THE BUS FOR TWO WEEKS.

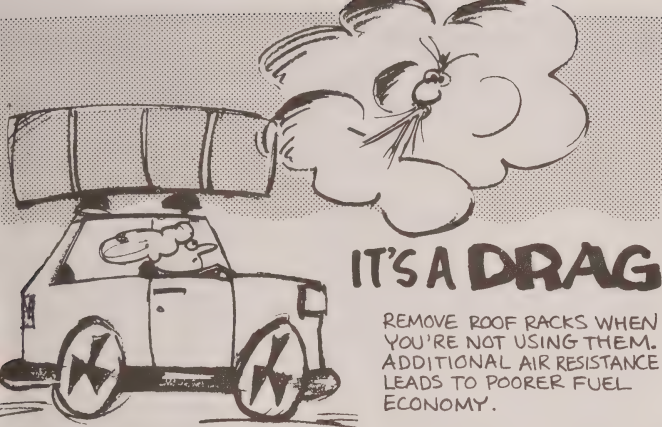
FUELISH TO AVOID IT



RE... Cycling

THE BICYCLE IS THE MOST EFFICIENT FORM OF TRANSPORTATION KNOWN. IT USES FIVE TIMES LESS ENERGY THAN WALKING. YOU GET THE SAME AMOUNT OF EXERCISE ON A BICYCLE - IT'S JUST THAT YOU TRAVEL FIVE TIMES AS FAR.



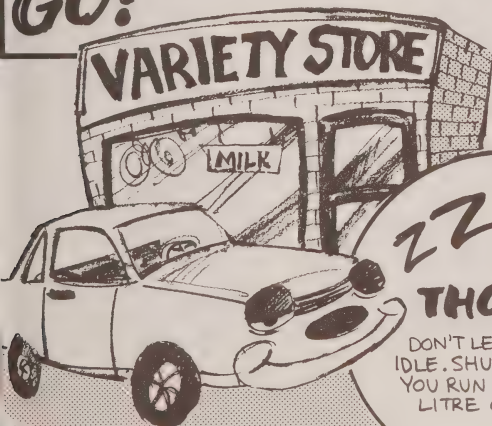


IT'S A DRAG

REMOVE ROOF RACKS WHEN YOU'RE NOT USING THEM. ADDITIONAL AIR RESISTANCE LEADS TO POORER FUEL ECONOMY.

**GET UP
and
GO!**

TODAY'S CARS ARE START-AND-GO. LONG WARM-UPS WASTE FUEL AND PUMP CARBON DIOXIDE AND OTHER EMISSIONS INTO THE ATMOSPHERE. ON COLD DAYS, GIVE THE CAR 60 SECONDS. OTHERWISE, DRIVE SLOWLY FOR THE FIRST FEW MINUTES.



**ZZZZZ
IDLE
THOUGHTS**

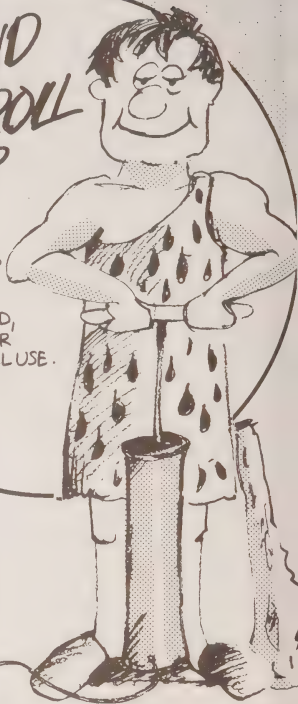
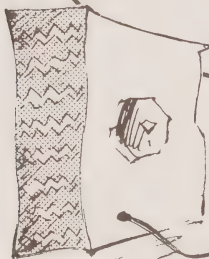
DON'T LET YOUR CAR IDLE. SHUT IT OFF WHEN YOU RUN IN TO GET THAT LITRE OF MILK.

**SLOWDOWN,
You save
Fuel**

DRIVING AT
LEGAL HIGHWAY
SPEED-80 Km/h
USES 10% LESS
GAS THAN GOING
95 Km/h.

**ROUND
TIRES ROLL
EASIER**

FILL YOUR CAR TIRES
TO THE PROPER AIR
PRESSURE; WHEN
PROPERLY INFLATED,
TIRES ROLL EASIER
AND REDUCE FUEL USE.



**PRE-VENTING^o
FUEL
WASTE**

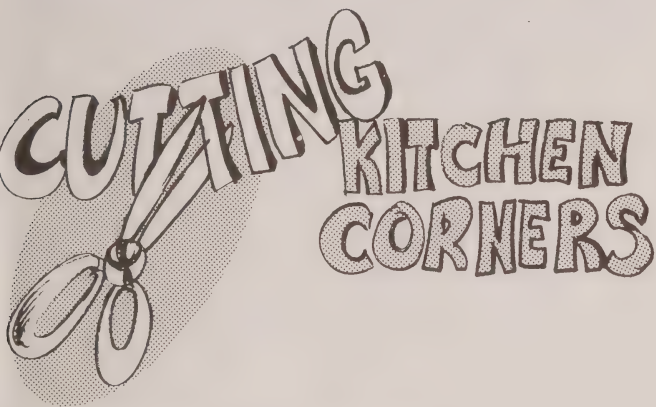


DON'T SPOIL
THE AERODYNAMICS
OF YOUR CAR BY OPENING
WINDOWS WHEN YOU CAN
VENTILATE BY USING THE
FLOW-THROUGH VENTS; YOU'LL
IMPROVE YOUR FUEL EFFICIENCY.

STAY TUNED

A PROPERLY TUNED
CAR CAN USE NEARLY
A THIRD LESS FUEL
THAN ONE WITH A
STICKING CHOKE, AND
A WELL-TUNED VEHICLE
PUTS FEWER EMISSIONS
INTO THE AIR THAN THE
BADLY-TUNED ONES YOU
CAN SEE SMOKING
ALONG THE ROAD.

Apart from heating, almost half the electricity you use in the house is consumed in your kitchen — by your refrigerator, freezer, range, dishwasher and other appliances.



You can save electricity in the kitchen:

- use the microwave, electric kettle, toaster oven, slow cooker as alternatives to your electric range
- set aside a cooking hour and cook as many foods as possible at one time in your oven
- use fluorescent lighting
- leave cold drinks out in thermos bottles rather than in the refrigerator on hot days
- use a thermos, not the stove, for keeping coffee warm
- conserve hot water

COLD STORAGE

AN ENERGY-EFFICIENT REFRIGERATOR IS THE MOST IMPORTANT KITCHEN INVESTMENT YOU CAN MAKE. REFRIGERATORS USE A GREAT DEAL OF ELECTRICITY. BE SURE TO COMPARE ENERGUIDE RATINGS WHEN CHOOSING YOUR NEW FRIDGE.



EVERYONE NEEDS A HOLIDAY

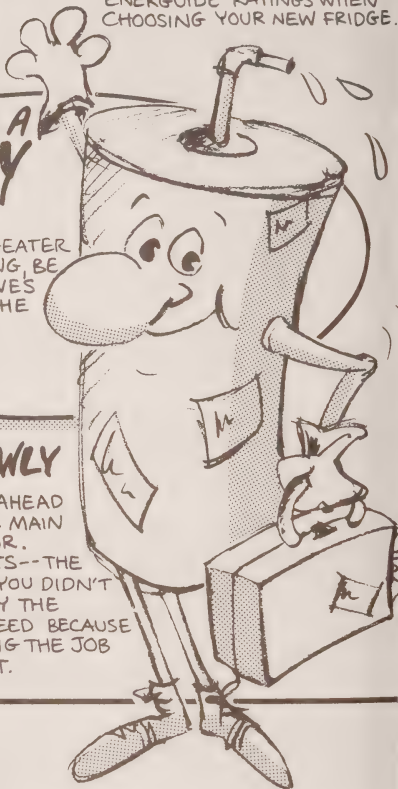
IF YOUR GAS HOT WATER HEATER HAS A "VACATION" SETTING, BE SURE TO USE IT. THIS SAVES ENERGY BY KEEPING THE WATER AT A LOWER TEMPERATURE.

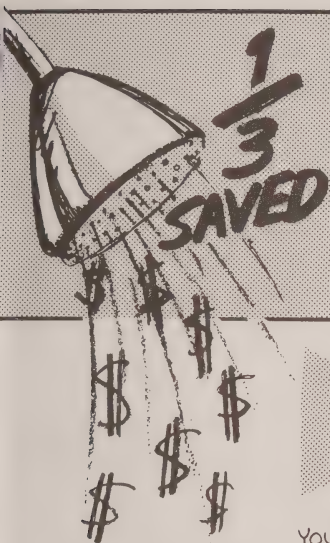
DEFROSTING SLOWLY

PLAN MEALS FAR ENOUGH AHEAD OF TIME TO DEFROST THE MAIN ITEM IN THE REFRIGERATOR. THAT CREATES NEGAWATTS--THE MICROWAVE ELECTRICITY YOU DIDN'T USE AND THE ELECTRICITY THE REFRIGERATOR DIDN'T NEED BECAUSE THE COLD ITEM WAS DOING THE JOB OF SOAKING UP THE HEAT.

YOU'RE IN HOT WATER NOW!

TURN OFF ELECTRIC HOT WATER HEATERS IF YOU'RE AWAY FOR MORE THAN A FEW DAYS. YOU WILL SAVE ENERGY.





**1
3
SAVED**

COME CLEAN

SHOWERS USE UP TO ONE-THIRD OF ALL THE WATER USED IN THE HOUSE. AND A WATER- SAVING SHOWERHEAD REDUCES BY ONE-THIRD THE AMOUNT OF WATER YOU NEED FOR A SHOWER. REPLACE YOUR SHOWERHEAD AND SAVE HOT WATER, ENERGY AND MONEY.

LOOK MA NO PILOT



YOU CAN SAVE \$800 IN FUEL COSTS OVER THE AVERAGE 15-YEAR LIFE OF A NATURAL GAS FURNACE BY USING ONE OF THE NEW MODELS WITH NO EVER-BURNING PILOT LIGHT. THE HIGH ENERGY EFFICIENCY BUILT INTO NEWER MODELS SAVES EVEN MORE GAS.

SIT BACK WITH SETBACK

SETBACK THERMOSTATS AUTOMATICALLY LOWER HOUSE HEAT AT NIGHT, THEN TURN IT UP IN THE MORNING. SLEEP IN THE COOL, WAKE UP WARM, AND SAVE ON YOUR HEATING BILL.

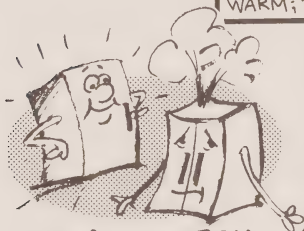
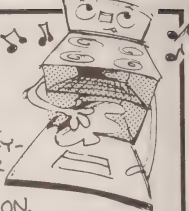


CONVECTION VS CONVENTION

CONVECTION OVENS WITH FANS THAT CIRCULATE THE HOT AIR IN THEM ARE MORE ENERGY-EFFICIENT THAN REGULAR OVENS.

HOMING IN ON THE RANGE

SELF-CLEANING ELECTRIC RANGES ARE MORE ENERGY-EFFICIENT THAN REGULAR MODELS BECAUSE THEY HAVE MORE OVEN INSULATION. USE THE CLEANING FEATURE AFTER YOU HAVE COOKED WHEN THE OVEN IS ALREADY WARM; THAT WILL ALSO SAVE ENERGY.

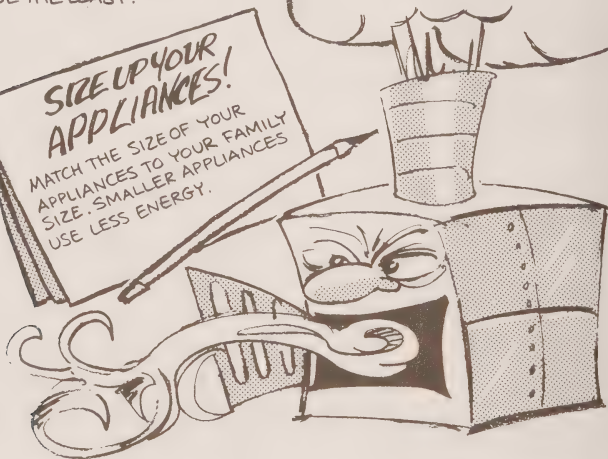
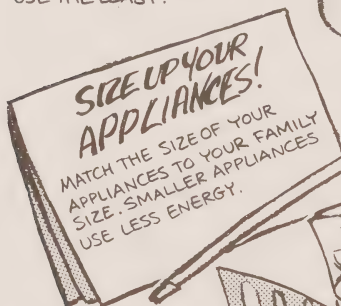


THE INSIDE STORY

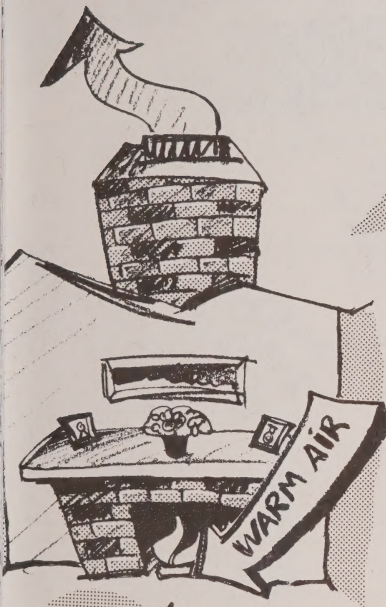
REFRIGERATORS WITH SIDE-BY-SIDE DOORS USE THE MOST ENERGY WHILE ONE-DOOR UNITS WITHOUT SELF-DEFROST USE THE LEAST.

OVER FIRING

IF YOU HAVE AN OIL FURNACE, HAVE YOUR SERVICE REP CHECK TO SEE IF THE FIRING RATE IS CORRECT. OVER-FIRING WASTES OIL.



LET COLD AIR IN



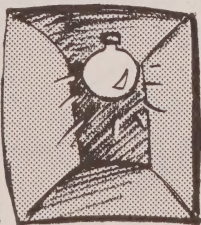
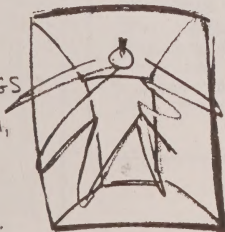
WOODBURNING CAN BE AN ENERGY AND MONEY WASTER, ESPECIALLY IF YOU LET WARM, INSIDE AIR GO UP THE CHIMNEY. WHEN INSTALLING A NEW WOODBURNER HOOK IT UP SO THAT COLD AIR FROM THE OUTSIDE IS USED FOR COMBUSTION.

DUSTING

DUST AND DIRT CAN IMPEDE THE FLOW OF HEAT. BE SURE TO DUST OR VACUUM RADIATOR SURFACES. IF YOU'RE PAINTING THEM, A FLAT, PREFERABLY DARKER, PAINT WILL RADIATE MORE HEAT THAN A GLOSSY ONE.

LET THERE BE LIGHT

WHITE WALLS AND CEILINGS REFLECT 80% OF THE LIGHT THAT STRIKES THEM, WHILE BLACK ONES REFLECT ONLY 10%. IT TAKES LESS ENERGY TO BRIGHTEN THE ROOM WITH LIGHTER COLOURS.



BE COOL

FLUORESCENT LIGHTING IS FOUR OR FIVE TIMES AS EFFICIENT AS INCANDESCENT LIGHTING. STANDARD INCANDESCENT BULBS USE 90% OF THEIR ENERGY TO MAKE HEAT AND ONLY 10% TO CREATE LIGHT.

IN THE SPOTLIGHT

PUT LIGHT RIGHT WHERE IT'S NEEDED WITH SMALL LIGHTS THAT ILLUMINATE WORK AREAS. YOU'LL SAVE THE ENERGY YOU MIGHT HAVE USED TO BRIGHTEN THE WHOLE ROOM.



TIME OUT

TIMERS THAT TURN LIGHTS ON AND OFF WHILE YOU'RE AWAY NOT ONLY CONFUSE THE WOULD-BE INTRUDER, THEY ALSO SAVE

ON 6:00 PM

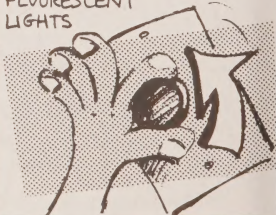
ENERGY THAT WOULD BE USED IF YOU LEFT THE LIGHTS ON ALL THE TIME.



OFF 7:30 AM

DIMMIT *Darn it!*

DIMMER SWITCHES SAVE ENERGY, BUT YOU CAN'T USE THEM WITH FLUORESCENT LIGHTS



ENERGY AND THE ENVIRONMENT

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